

Date: Wed, 6 Jul 94 04:30:26 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #217
To: Ham-Equip

Ham-Equip Digest Wed, 6 Jul 94 Volume 94 : Issue 217

Today's Topics:

***** Kenwood TH-28A for sale. *****
 Best linear for scientific experiment
 Camcorder viewer needed.
 Fwd: These Misc items sold/gone
 How much does a repeater cost?
 IC-2410H Xmit Audio Boost
 JPS NTR-1 for sale
 Kenwood TM742A problem
 Looking for TM733a mods
 Please help me decide -- Standard c528a or Yaesu ft-530?
 Supressing fuel pump noise in HONDA ACCORD - ideas? (2 msgs)
 TS-790 : Any modifications ??
 Wanted: Filters for Kenwood TS-830S
 What Dual Band Should I Buy?
 Yaseu FT101-ZD FOR SALE

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 05 Jul 94 19:33:17 GMT
From: rat!news@decwrl.dec.com
Subject: ***** Kenwood TH-28A for sale. *****
To: ham-equip@ucsd.edu

Hi,

I like to sell my Kenwood TH-28A + ME-1 for \$295.00/obo + half COD shipping.

Its about 8 months old and in excellent shape with all the box and manual. I have no problems whatsoever and I'm selling this one because I got a dual band HT a while back. There are three very small (<0.1" if that matters) scratches but it has never been dropped or banged. I beleive HRO is selling it for \$300.00 and ME-1 for \$39.00. I paid \$350.00 new and still have the receipt.

E-mail me or call me if you are interested.

Some of the specs are --

- 2M HT with 5W max. output
- Rx - 118 - 135.987
136 - 173.995
340 - 399.987
400 - 519.975
- Tx - 142 - 151.995
- 40 - memory channel
(240 - memory channel wiht ME-1)
- Alphanumeric memory channel display
- Auto repeater offset

and more good stuff....

thanks,

winston.

wplee@gauss.calpoly.edu

805-549-9703

Date: Tue, 05 Jul 94 17:42:15 EDT

From: ihnp4.ucsd.edu!sdd.hp.com!think.com!hsdndev!nmr-z.mgh.harvard.edu!

usenet@network.ucsd.edu

Subject: Best linear for scientific experiment

To: ham-equip@ucsd.edu

I need your advice on a good transmitter for a physic experiment I'm working on.... Thanks in advance for any help. First some background:

Ham transmitters can be very useful in molecular physics experiments. For example, working on a cold-atom trapping experiment, I was able to get a 2000V 4MHz electric field on a wire, by using an old tube kw linear. I used a 50-to-12 ohm balun, plus a homemade 12-ohm non-inductive resistor and air-tuning coil, and was able to get the electric field across a 100pF load, with under 250W from the amplifier.

Now I'd like to make a more reliable and permanent setup. I'm looking for suggestions on the best brand/model of linear amplifier to buy for another experiment.

My primary criteria is that the transmitter amplifier be easy to modify! This is because I'll be working at 1.0 MHz, and also want very fast rise/fall times (a few microseconds, which means reducing the tank Q). If you have an amplifier you're happy with, then look inside and see how accessible the pieces are, and guess as to its applicability for my strange needs! Better yet, if you've had good results and a happy experience modifying a certain amplifier model, please let me know!

Incidentally, my RF energy stays in a coax cable and thence to a stainless-steel vacuum chamber, so meeting FCC rules isn't an issue.

P.S. Although I'm an experienced electronics engineer (incl low-power rf), I'm not a ham, and have only nominal experience with ham gear, brands, etc.

Winfield Hill <hill@rowland.org>
Rowland Institute for Science
Cambridge, MA 02142 USA

Date: 5 Jul 1994 23:19:49 -0700
From: nntp.crl.com!crl.crl.com!not-for-mail@decwrl.dec.com
Subject: Camcorder viewer needed.
To: ham-equip@ucsd.edu

Hello all-

I am interested in making some "VR" glasses except instead of using small computer screens or whatever they are, I would like to use the small screen that is looked into when you use a camcorder. Does anybody have any idea where I could obtain these? I would appreciate addresses, phone #'s, and, prices. Thanx in advance.

Date: Tue, 5 Jul 1994 11:53:48 -0400
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!math.ohio-state.edu!cis.ohio-state.edu!news.sei.cmu.edu!bb3.andrew.cmu.edu!andrew.cmu.edu!postman+@network.ucsd.edu
Subject: Fwd: These Misc items sold/gone
To: ham-equip@ucsd.edu

The following items are sold or gone.

- >1. Bencher lowpass filter Model YA-1. No box or instruction (there is't much to it you put your transmitter on one side and antenn on other side, that is). It is rated at 1.5KW continous and 5kw

- > peak. The unit is in very very excellent condition. Have been
 - > used for less then a month (I recall purchasing it in June and
 - > Using it until July of last year) \$25 + Shipping.
-
- >5. MFJ VHF 144-220 Mhz SWR/WATTMETER. I still have the instruction
 - > manual and the unit is in mint condition. It is available free
 - > for the asking + whatever shipping charges and inccur.
-
- >7. E-DC-5 DC to DC converter. I bought it so I can use my FT-530
 - > using Cigarette Lighter in my car. 12V DC - 6V DC. It is free
 - > for the asking. However you pay the mailman fee because it is
 - > cheeper for me to throw it out otherwise :-).
-
- >9. MJF Delecux Versa Tuner II model MJF-949E. It is in ok shape with
 - > some paint chipping on upperr right edge. Have hardly used it and
 - > have misplaced its manual. It is fairly straight forward to use
 - > but if you have not used antenna tuners before then you have to
 - > call MFJ to get a new manual or ask your buddy about it. It is a
 - > useful tool if you have real bad antenna situation. It is (was)
 - > selling for \$140 or so. \$55 + Shipping.
-
- >10. I have around 150 feet or so of 8X coaxial cable and around 100 or
 - > 150 feet of flexweave antenna cable (great for dipoles, etc). I
 - > don't know the exact length but above is the size I usually order.
 - > It is free for the asking + Shipping.

Thanks for every bodies interest. Still few items left.

Tanvir

Date: 6 Jul 1994 01:15:41 GMT
 From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!math.ohio-state.edu!
 news.acns.nwu.edu!solo.eecs.nwu.edu!hpa@network.ucsd.edu
 Subject: How much does a repeater cost?
 To: ham-equip@ucsd.edu

Followup to: <1994Jul11.150506.3365@ke4zv.atl.ga.us>
 By author: gary@ke4zv.atl.ga.us (Gary Coffman)
 In newsgroup: rec.radio.amateur.equipment

- >
- > Location is *everything* for a repeater. Your height above average
- > terrain will almost completely determine your coverage area. My
- > machine sits 970 feet up a TV broadcast tower. Transmit power isn't
- > very important. You want the repeater to be heard no further than
- > it can hear a mobile on the ground. About 15 watts is all you want

> to run for a coverage area with a 40-70 mile radius. This makes the
> 110 watt Exec PA last *forever*.
>

... unless you have multiple receive sites. If so, you will need
enough power at your transmission site that you can hear it for as far
away as your furthest receive site can hear a mobile on the ground.
Here in Chicago, WAFAR at 146.67 has six auxilliary receive sites;
they put out 250 W at their transmission site.

/hpa

--

INTERNET: hpa@nwu.edu FINGER/TALK: hpa@ahab.eecs.nwu.edu
IBM MAIL: I0050052 at IBMMAIL HAM RADIO: N9ITP or SM4TKN
FIDONET: 1:115/511 or 1:115/512 STORMNET: 181:294/101 Allah'u'abha
Linux: a free UNIX clone for the 386. Get yours today from tsx-11.mit.edu!

Date: 5 Jul 1994 15:37:25 -0500
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!convex!news.onramp.net!
news.sprintlink.net!bga.com!bga.com!nobody@network.ucsd.edu
Subject: IC-2410H Xmit Audio Boost
To: ham-equip@ucsd.edu

Can anyone help with boosting the audio output from the HM-56 microphone
on my IC-2410H? I get low audio reports on the repeaters around town
(Austin). I opened the cover, but only saw R16 and R19, with no
indication of how the gain might be boosted. They are apparently only
surface mount fixed resistors. Is there some adjustment that is
located under the PCB? I am reluctant to tear into the other side of
the PCB unless there is some assurance that there's a good reason to.

I'd like to hear from someone who has had experience with adjusting the
audio output from the HM-56 mike.

Thanks + 73
Randy
kj5vb

Date: 5 Jul 1994 22:32:07 GMT
From: src.dec.com!src.dec.com!ira@decwrl.dec.com
Subject: JPS NTR-1 for sale
To: ham-equip@ucsd.edu

For sale:

JPS NTR-1 noise/tone reducer. \$100 firm, includes shipping as below.

This DSP noise reduction system lists for \$169.95 and includes the manufacturers 12V external power supply (\$16.00). Total list price was \$185.95

This unit is 3 months old and in like-new condition. Includes all manufacturer's original boxes, instruction booklet, warranty card, and 12V power supply. Price is \$100.00 firm. I'll pay 1st class US postal shipping to any location in the lower 48 states. Price refunded if condition not as described.

Works fine. I would just prefer to put the money towards a new radio, rather than a quieter radio.

Reply via email (ira@pa.dec.com) or call 415-853-2160.

Regards,
Ira

Date: Tue, 5 Jul 1994 23:49:15 GMT
From: telesoft!garym@uunet.uu.net
Subject: Kenwood TM742A problem
To: ham-equip@ucsd.edu

In <2uobhs\$g14@calvin.tccn.com> 52@suzie.tccn.com (Jim S. Henderson) writes:
>About a year ago, I had just finished the installation of the radio in my
>car, and I started programming the memories with various and sundry frequencies
>in the Minneapolis area.
>... when all of a sudden, the rig
>completely locked up - wouldn't accept input or anything, and about 30 seconds
>later, it shut itself down.

>I sent the radio back to the dealer, and they performed a hardware processor
>reset - disconnecting the lithium battery, and reconnecting it (the darn thing
>is *soldered* to the board, of all things...).

This sounds just like one of two known problems outlined in Service Bulletin ASB-1033, Nov 29, 1993.

The problems detailed are:

- (1) Microprocessor lock-up when using S-meter squelch,
- (2) Problems with storage/recall of PL tones 203.5 and/or 114.8,
- (3) Problems with no transmit on UHF during remote control operation.

These are all fixed by the changes specified in the Service Bulletin. Take it back to your dealer and insist that they send it back to the Kenwood service center for this fix. They must replace both microprocessors.

While the SB lists certain serial number ranges that have the problem, it appears that the problem is not limited to those serial numbers. We just found one with a "good" serial number but which exhibits the lock-up problem.

Our local RACES group has at least 7 of these radios that exhibited this problem, including my own personal 742A. Which is going to be boxed up tonight to be sent in for repair.

If you want to reset the radio yourself (without unsoldering the lithium battery), it will reset if you remove the PL decoder board, and power it up. If you don't have the PL decode option, remove the third band module, power it up and it should then be OK again. Resetting the CPU doesn't fix the problem, however, it just lets use you the radio until you can get the CPU's replaced. If you do this, be sure to avoid using S-meter squelch and remote control operation with a third band module installed, since it will just lock-up again.

--GaryM

--

Gary Morris

Deputy Radio Officer/Digital Comm.
Emergency Planning Detail (RACES)
Emergency Services Division
San Diego County Sheriff's Dept.

Internet: garym@alsys.com
Packet: KK6YB @ N0ARY.#NOCAL.CA.USA.NA
Phone (days): 619-457-2700 x128
Voice Mail (24hr): 619-945-2464

Date: Wed, 6 Jul 1994 03:28:50 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
aa5uk@network.ucsd.edu
Subject: Looking for TM733a mods
To: ham-equip@ucsd.edu

Has anybody seen any mods for this radio. This is a great rig unlike soem of the comments I have seen hear. I have used rigd which are much worse. So far it is working great!! If anybody has seen any mods for this radio, I would appreciate a note!

73 Adrian AA5UK@NETCOM.COM

Date: Wed, 6 Jul 94 01:54:18 -0500

From: news.delphi.com!usenet@uunet.uu.net
Subject: Please help me decide -- Standard c528a or Yaesu ft-530?
To: ham-equip@ucsd.edu

<brunelli_pc@delphi.com> writes:

>If the standard is to much \$\$\$, give the kenwood th78 a listen
>and take your time, it looks like you have 10-14 weeks to make
>this decision. In the mean time you can monitor 2M and 440
>with a used scanner for 35-75 bucks.

After I passed my no code tech, I went shopping too. All the dual band radios are very very good. The coupons can really make the decision even harder since they can even out the pricing. I chose the Icom ICW21AT because it felt good in my hand. People always comment on the clarity of my transmissions and I have been able to hit repeaters here in the Seattle area on low wattage with good quieting. Also, Icom's headquarters and repair shop are 10 miles away if I need them. They all have good features. When I win the lotto I'll buy one of each.

John KC7CKP
shuster5647@delphi.com

Date: Tue, 5 Jul 1994 14:31:22 GMT
From: netcomsv!netcom.com!dgf@decwrl.dec.com
Subject: Supressing fuel pump noise in HONDA ACCORD - ideas?
To: ham-equip@ucsd.edu

I'm sure this has been discussed before, however, I didn't save any of the discussion postings. After much persuasion, I got a friend of mine to agree to install HF mobile in his Honda. The installation was quite easy and works pretty well except for fuel pump hash. Before we try to re-invent the wheel, has someone had experience in fuel pump noise supression?

73 Dave WB0GAZ dgf@netcom.com

Date: 5 Jul 1994 14:31:06 -0600
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!europa.eng.gtefsd.com!
uhog.mit.edu!news.mtholyoke.edu!news.byu.edu!cwis.isu.edu!u.cc.utah.edu!xmission!
xmission!not-for-mail@network.ucsd.edu
Subject: Supressing fuel pump noise in HONDA ACCORD - ideas?
To: ham-equip@ucsd.edu

David Feldman (dgf@netcom.com) wrote:

: I'm sure this has been discussed before, however, I didn't save any of the
: discussion postings. After much persuasion, I got a friend of mine to agree
: to install HF mobile in his Honda. The installation was quite easy and works
: pretty well except for fuel pump hash. Before we try to re-invent the wheel,
: has someone had experience in fuel pump noise supression?

: 73 Dave WB0GAZ dgf@netcom.com

I had success with a snap-on ferrite filter from Radio Shack. I snapped
it around the cable from the gas tank where it entered the rear trunk area.

Date: Wed, 6 Jul 1994 05:44:56 GMT
From: swrinde!howland.reston.ans.net!pipex!sunic!trane.uninett.no!eunet.no!nuug!
EU.net!Germany.EU.net!netmbx.de!zrz.TU-Berlin.DE!math.fu-berlin.de!zib-berlin.de!
ceres.fokus.gmd.@ihnp4.ucsd.edu
Subject: TS-790 : Any modifications ??
To: ham-equip@ucsd.edu

Hi,

I am looking for any modification to the TS-790 .
I am intersted in the 137Mhz band .
I found one modification so far but the lowest it can
get is 140Mhz !

Thanks , Oded

Date: Wed, 6 Jul 1994 00:35:38 GMT
From: ihnp4.ucsd.edu!usc!nic-nac.CSU.net!charnel.ecst.csuchico.edu!
csusac.ecs.csus.edu!csus.edu!netcom.com!mvines@network.ucsd.edu
Subject: Wanted: Filters for Kenwood TS-830S
To: ham-equip@ucsd.edu

I need the YK-88C and YG-455C (both 500Hz CW filters) filters for the
Kenwood TS-830S HF tranceiver.

Please send e-mail to mvines@netcom.com

Date: Wed, 6 Jul 1994 01:00:55 GMT
From: netcomsv!netcom.com!mahjmac@decwrl.dec.com
Subject: What Dual Band Should I Buy?
To: ham-equip@ucsd.edu

I'm heading for my nearest HRO tomorrow afternoon, and plan on coming back with a new mobile 2m / 70cm rig. I've narrowed it down to several choices based on what I've read in their catalog, and I would like input or opinions from folks who have any of these radios, or know of others with comparable features in the same \$\$\$ range (700-800)

- 1) Alinco DR-600T - I like the feature list as well as the looks of the radio. Cross band and remote control sounds good too! The catalog also says it can RX down to 118.00 which I like.
- 2) Kenwood TM-733A - Again, nice feature set, tho it the catalog doesn't talk about extended receive range. I've read some negative posts dealing with intermod problems and service and parts problems when dealing with Kenwood though. Control panel looks kinda boring!
- 3) Yaesu FT-5200 - Another good looking rig with many features, but it doesn't appear to allow RX down to 118.

Right now, I'm leaning towards the Alinco based on features, looks, and price. I like lots of buttons, knobs, and dials, and complicated user interfaces don't bother me (I read the manuals!) If you have any recommendations on these or any other rigs in their class, please reply via email.

Thanks!

Michael

--

..... Michael A. Hotz - J.M. Allen Creations
..... Internet: mahjmac@netcom.com
..... Compuserve: 74160,3111
..... KB8STS Technician Plus

Date: 5 Jul 1994 13:26 CDT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!news.tamu.edu!zeus.tamu.edu!
sms8445@network.ucsd.edu
Subject: Yaseu FT101-ZD FOR SALE
To: ham-equip@ucsd.edu

I have a Yaseu FT101-ZD for sale. It is an HF transciever that does CW, and SSB. I have the microphone, straight key, and an antenna tuner to go with it. It has a built in power supply.

It covers all the HF bands and does have a digital display (some of the 101 didn't)

All the above cost me approx. \$800 about two years ago. I will take any
reasonable offer for the equipment.

email me at sms8445@zeus.tamu.edu

End of Ham-Equip Digest V94 #217
